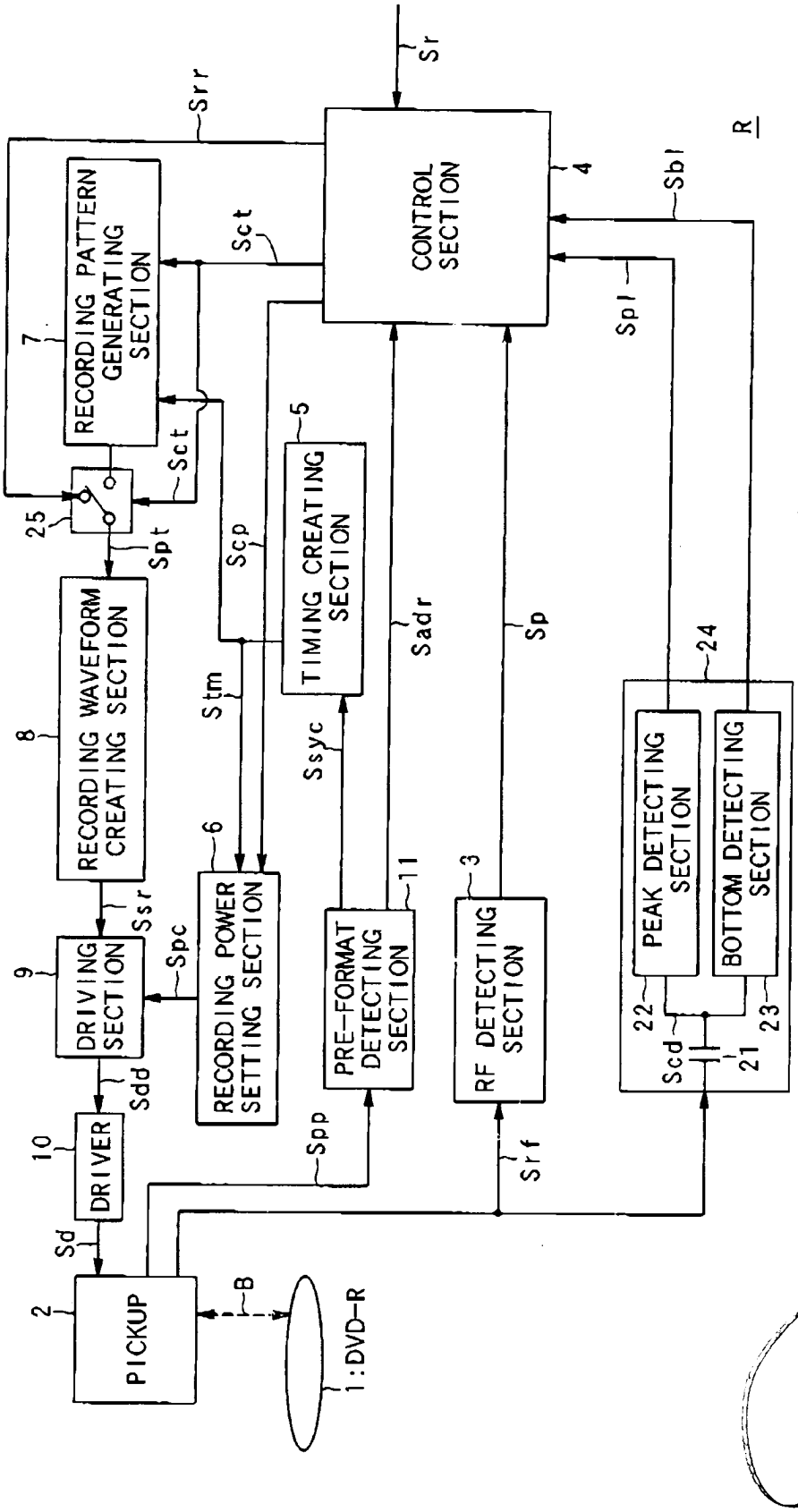
EP 1 271 507 A3

FIG. 1



T02T0T"528h2660

FIG. 2

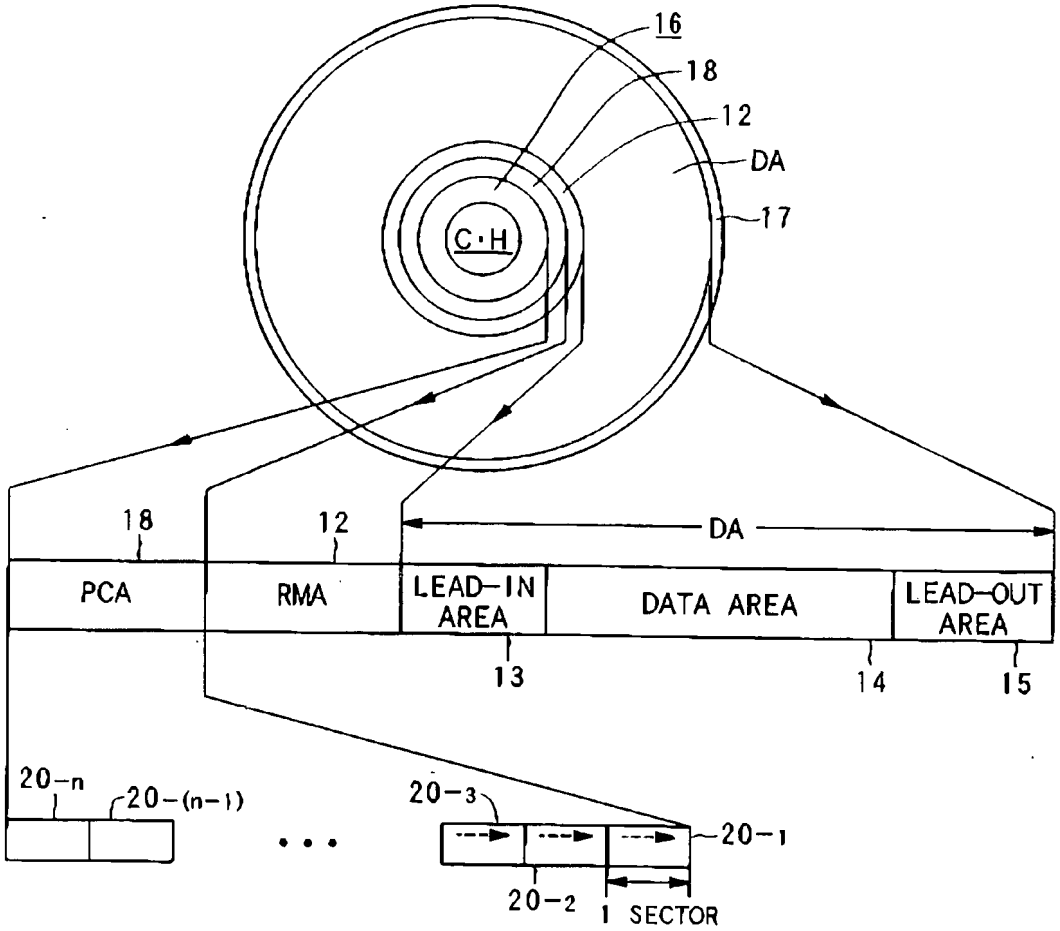


FIG. 3

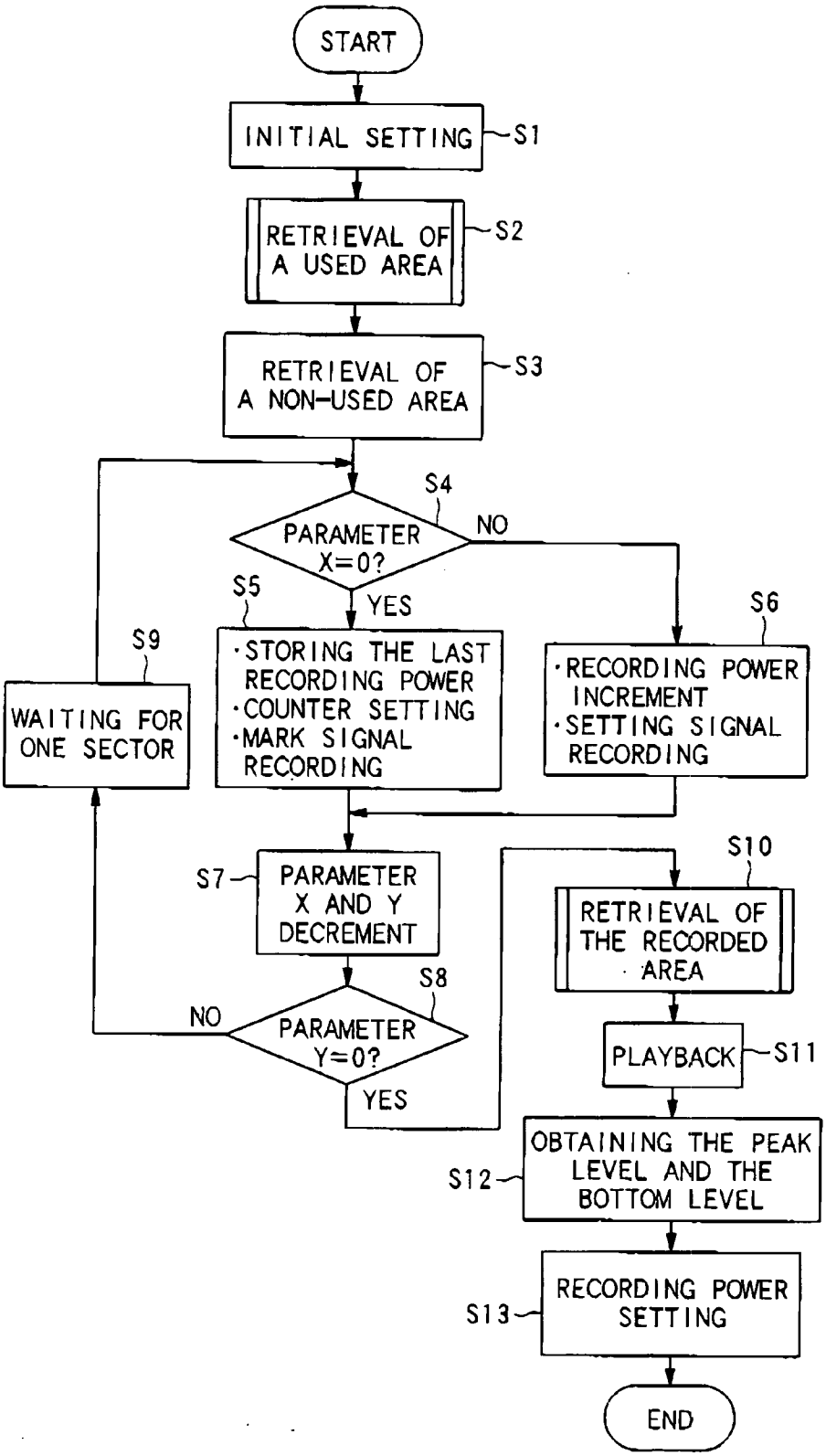

START
INITIAL SETTING
S1
RETRIEVAL OF A USED AREA
S2
RETRIEVAL OF A NON-USED AREA
S3
S4
PARAMETER X=0?
NO
YES
S5
·STORING THE LAST RECORDING POWER
·COUNTER SETTING
·MARK SIGNAL RECORDING
S6
·RECORDING POWER INCREMENT
·SETTING SIGNAL RECORDING
S9
WAITING FOR ONE SECTOR
S7
PARAMETER X AND Y DECREMENT
S8
NO
PARAMETER Y=0?
YES
S10
RETRIEVAL OF THE RECORDED AREA
PLAYBACK
S11
OBTAINING THE PEAK LEVEL AND THE BOTTOM LEVEL
S12
RECORDING POWER SETTING
S13
END

FIG. 4

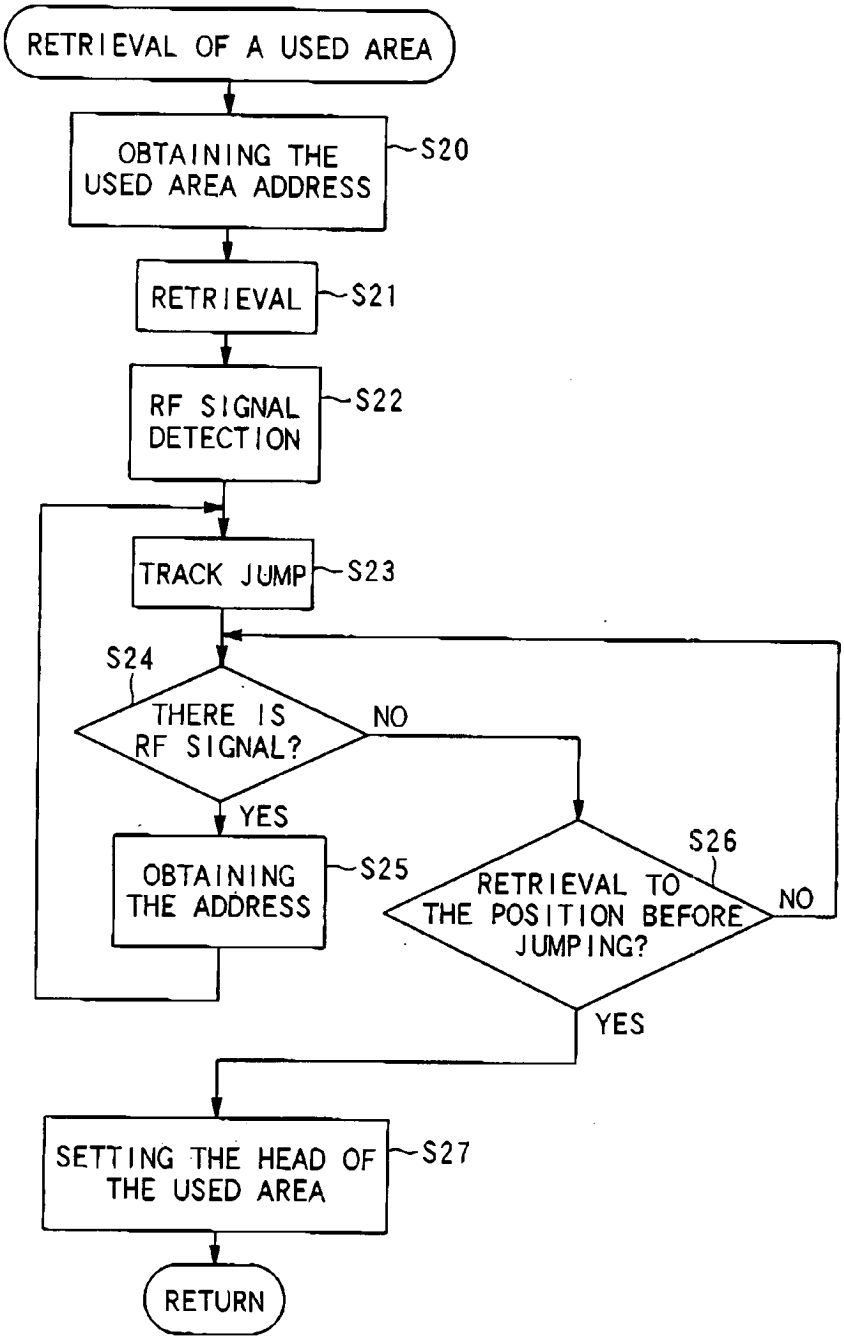
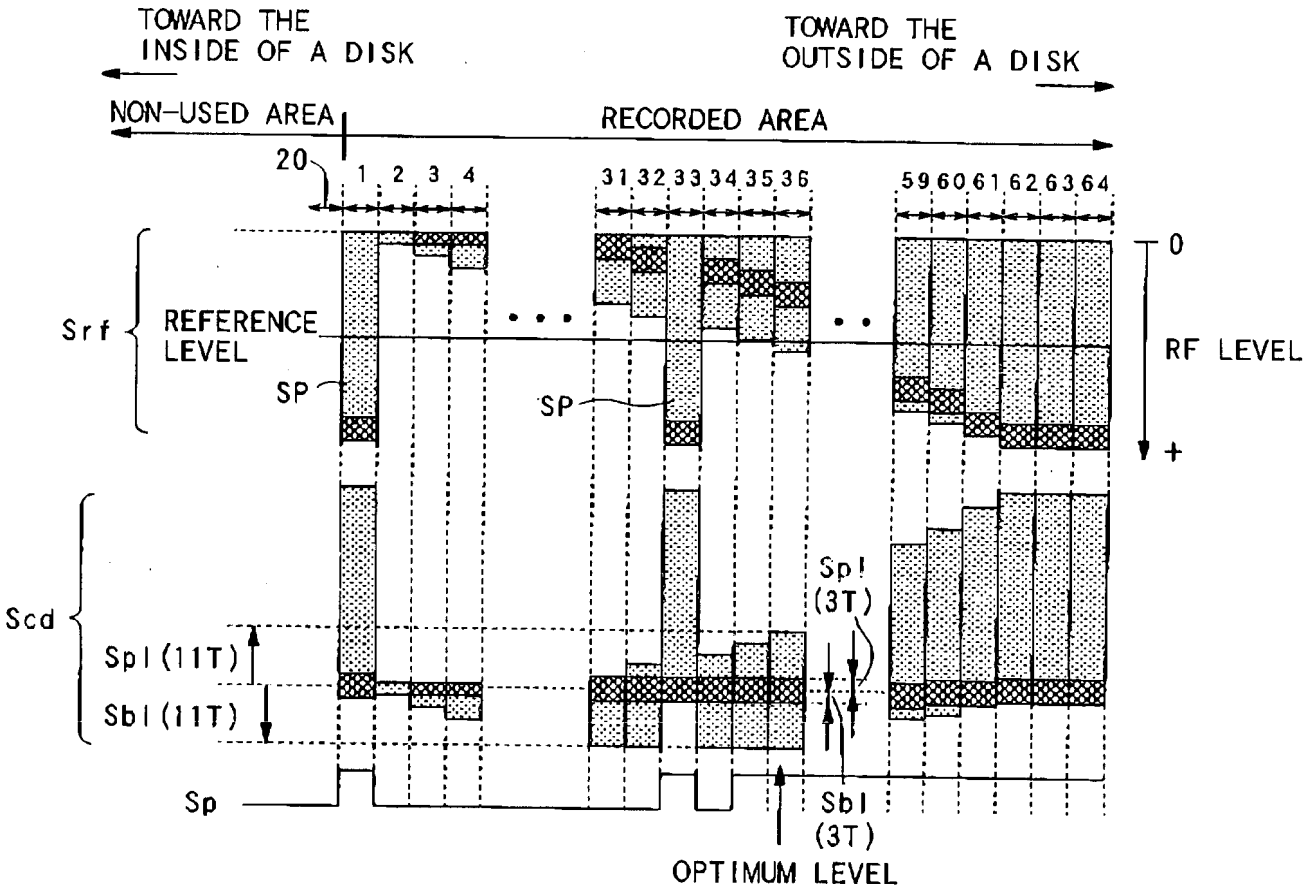

RETRIEVAL OF A USED AREA
OBTAINING THE USED AREA ADDRESS
S20
RETRIEVAL
S21
RF SIGNAL DETECTION
S22
TRACK JUMP
S23
S24
THERE IS RF SIGNAL?
NO
YES
OBTAINING THE ADDRESS
S25
S26
RETRIEVAL TO THE POSITION BEFORE JUMPING?
NO
YES
SETTING THE HEAD OF THE USED AREA
S27
RETURN

FIG. 5


TOWARD THE INSIDE OF A DISK
TOWARD THE OUTSIDE OF A DISK
NON-USED AREA
RECORDED AREA
20
1 2 3 4
31 32 33 34 35 36
59 60 61 62 63 64
0
RF LEVEL
+
Srf
REFERENCE LEVEL
SP
SP
Scd
Spl (11T)
Sbl (11T)
Spl (3T)
Sp
Sbl (3T)
OPTIMUM LEVEL